NISSAN NORTH AMERICA, INC.
Copyright ©

SERVICE BULLETIN

Classification:	Reference:	Date:
BT05-040a	NTB05-077a	September 16, 2005

2005 FRONTIER, XTERRA, PATHFINDER, 2004-2005 TITAN AND ARMADA; FRONT PASSENGER FOLD FLAT SEAT MANUAL RECLINER INOPERATIVE

**The Applied Vehicle and Service Procedure sections of this bulletin have been amended.
Please discard all other copies.**

APPLIED VEHICLE(S): 2005 Frontier (D40),
2005 Xterra (N50),
2005 Pathfinder (R51)
2004-2005 Titan (A60),
2004-2005 Armada (TA60)

IF YOU CONFIRM

The passenger seat does not recline or tilt forward when lifting UP on the recliner handle.

ACTION

- Remove the seat and use a steel split spring pin (roll pin) to repair shaft of inboard recliner mechanism.
- This will prevent the inboard recliner mechanism pin from slipping inside the shaft.

CLAIMS INFORMATION

Submit a Primary Operation (PO) line claim using the following claims coding:

DESCRIPTION	OP CODE	SYM	DIA	FRT
Repair Front Passenger Seat Manual Recliner	VX49AA	ZE	32	0.5 hrs

PARTS INFORMATION

DESCRIPTION	PART #	QUANTITY
Steel split spring pin* (roll pin), Size: 5/32 inch (3.96 mm) diameter X ½ inch (12.7 mm) long. (Use McMaster–Carr part number 98296A892 or equivalent.)	Local source	2

*Do not claim billing for the pin, it is considered as a shop supply.

IMPORTANT: The purpose of "ACTIONS" (above) is to give you a quick idea of the work you will be performing. You MUST closely follow the entire Service Procedure (starting on page 2) as it contains information that is essential to successfully completing this repair.

Nissan Bulletins are intended for use by qualified technicians, not 'do-it-yourselfers'. Qualified technicians are properly trained individuals who have the equipment, tools, safety instruction, and know-how to do a job properly and safely. NOTE: If you believe that a described condition may apply to a particular vehicle, DO NOT assume that it does. See your Nissan dealer to determine if this applies to your vehicle.

SERVICE PROCEDURE

1. Preparation for seat removal.

   - Refer to the Electronic Service Manual (ESM), section SE, for seat removal information. Make sure to follow all WARNINGS and CAUTIONS.

   - Before disconnecting any SRS connectors:

   A. Write down all radio station presets.

Presets	1	2	3	4	5	6
A						
B						
C						

   B. Disconnect both battery cables (negative cable first).

   C. Wait at least 3 minutes after the battery cables are disconnected.

2. Remove the seat from the vehicle.

NOTE : Place the seat on a clean surface to prevent dirt/and or scuff marks.

3. Align inboard and outboard recliner devices. Inboard recliner device is on the left side of the seat and the outboard recliner device is on the right side.

   A. Use release handle and recline seat forward until it stops in “full stop position” (see Figure 1).

      - If inboard recliner will <u>not</u> operate forward, follow Steps B and C.

Figure 1

B. Remove seat cushion finisher.

- Inboard side (left side) of recliner mechanism with seat cushion removed is shown in Figure 2.

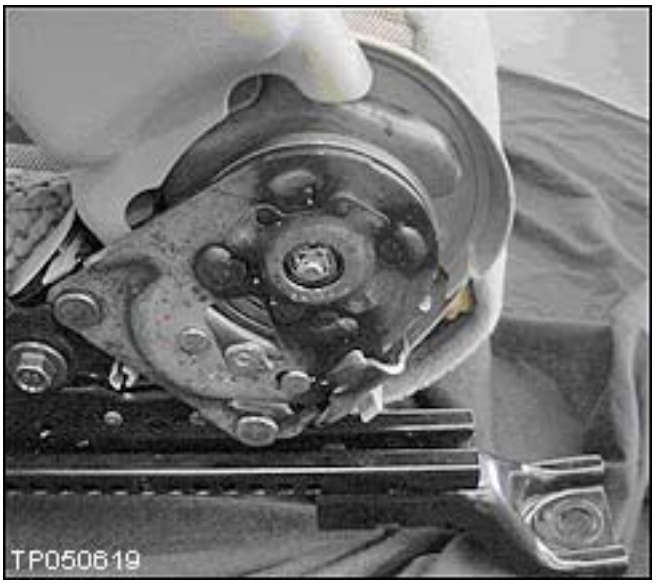


Figure 2

C. Use pliers to actuate (move) recliner into forward full stop position. Do this by turning shaft clockwise (See Figure 3)

IMPORTANT: Make sure pliers are locked tightly on shaft to prevent damage to shaft.

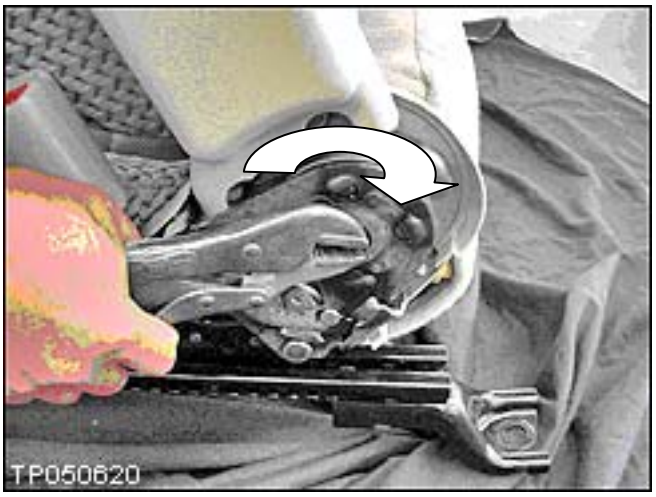
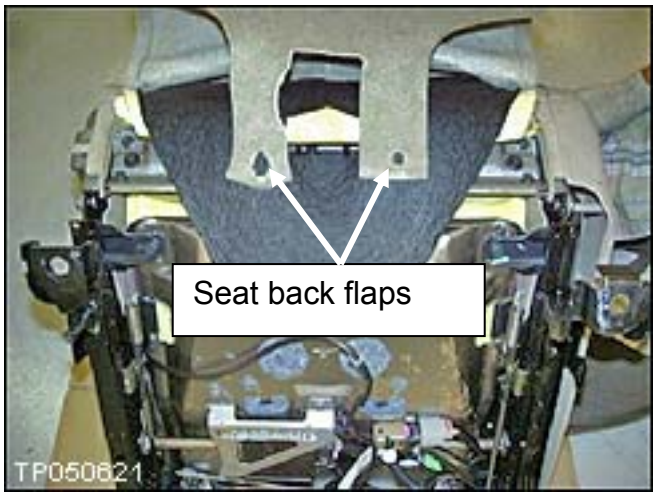


Figure 3

D. When each recliner is at its forward full stop position, pull the seatback rearward to the seatback first lock position. This will align the recliners.

NOTE: Make sure the recliner devices are aligned before proceeding. (Step 3, prior page)

4. Disconnect the seat back flaps (See Figure 4).



5. Locate the inboard recliner shaft. (See Figure 5)

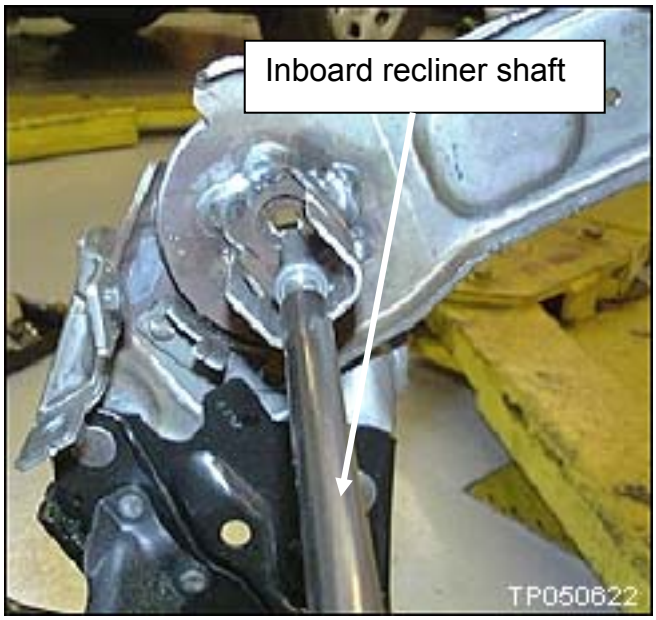


Figure 5

NOTE: The Inboard recliner shaft and pin are shown removed from the seat for this photo. The pin will be re-attached to the recliner shaft with a steel split spring pin (roll pin) to keep it from slipping inside the recliner shaft. This will be done with the recliner shaft still in the seat.

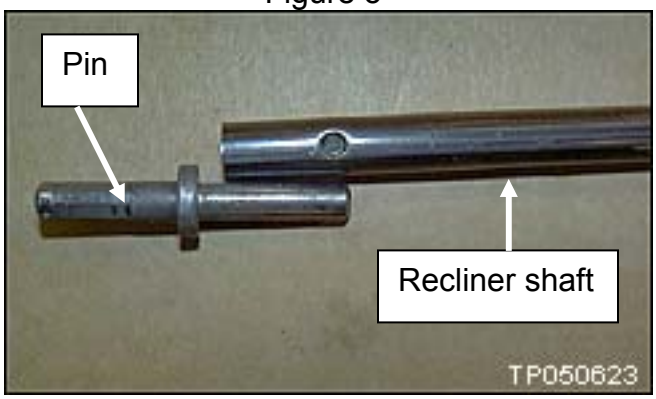


Figure 6

6. Using a center punch, mark a spot on the shaft centered between the spring and cross tube (see Figure 7)

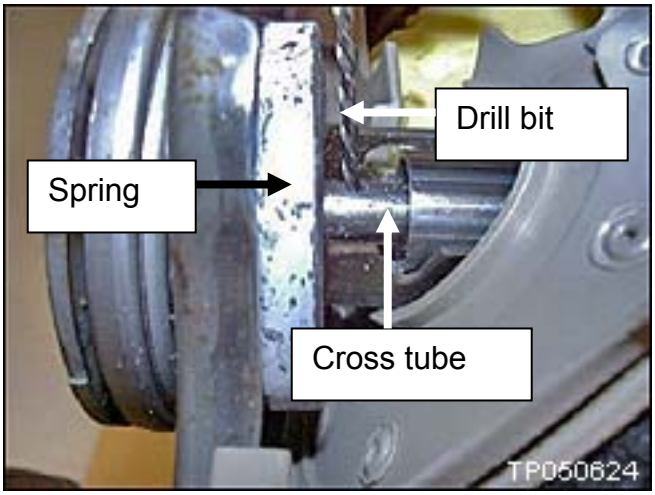


Figure 7

7. Now drill a 0.157- 0.160 inch (3.98- 4.06 mm) hole through the shaft and pin (See Figure 8). Clean up any metal debris /chips from the seat.

Figure 8

8. Install a steel split ring pin (roll pin) in the drilled hole and pin the recliner shaft and pin together. Use McMaster–Carr part number 98296A892 or equivalent. The size is 5/32 inch (3.96 mm) diameter X ½ inch (12.7 mm) long.

9. Reinstall seatback flaps and finisher.

10. Install the seat in the vehicle.

11. Reconnect the battery cables. Negative cable last.

12. Confirm the recliner operates.

13. Program the radio presets.